

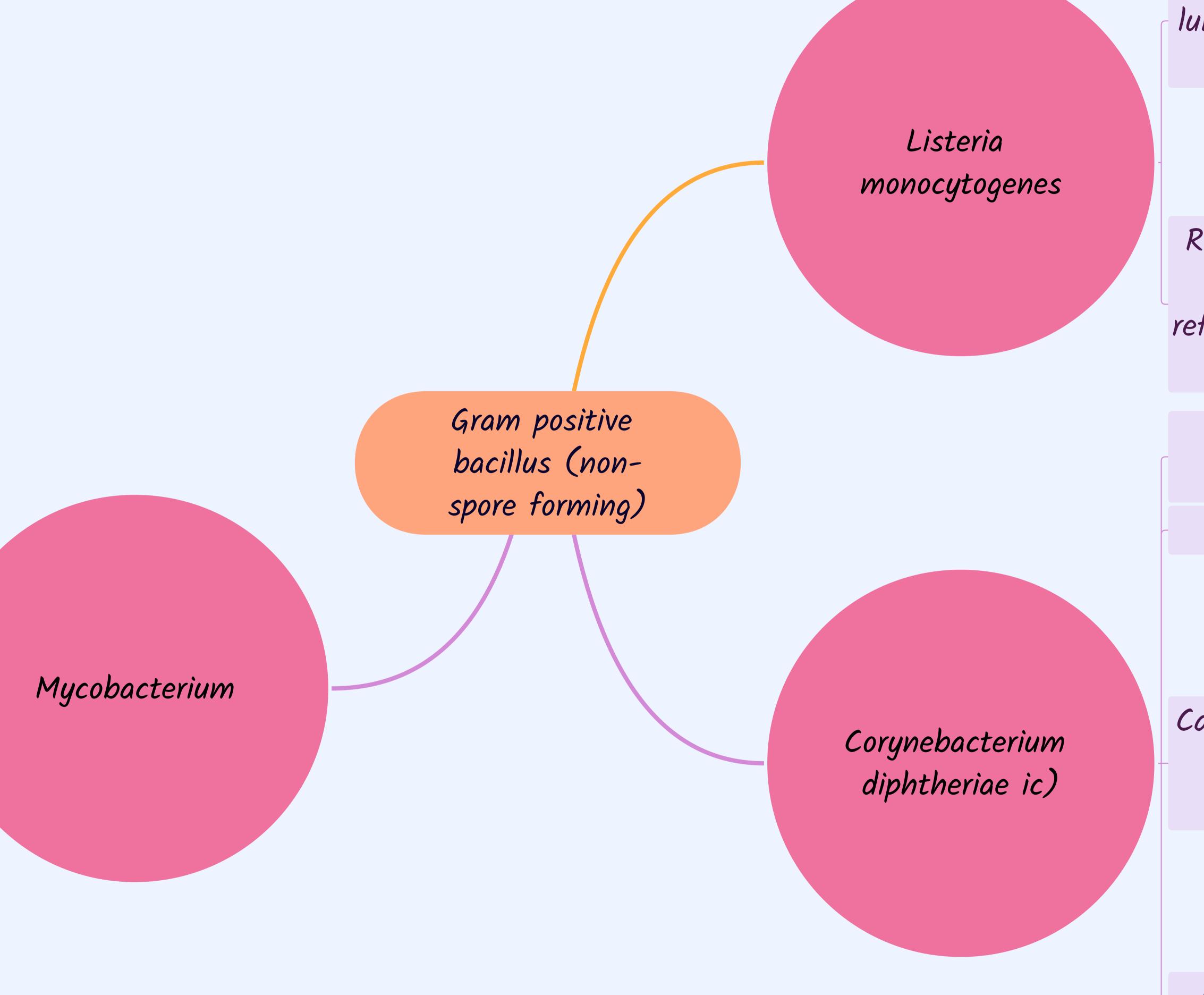
Gram-positive irregular bacilli

Acid-fast staining: mycolic acids

Strict aerobes

Grow slowly

Virulence factors -contain complex waxes that prevent destruction by lysosomes or macrophages



Found in soil, water, luncheon meats, hot dogs, cheese

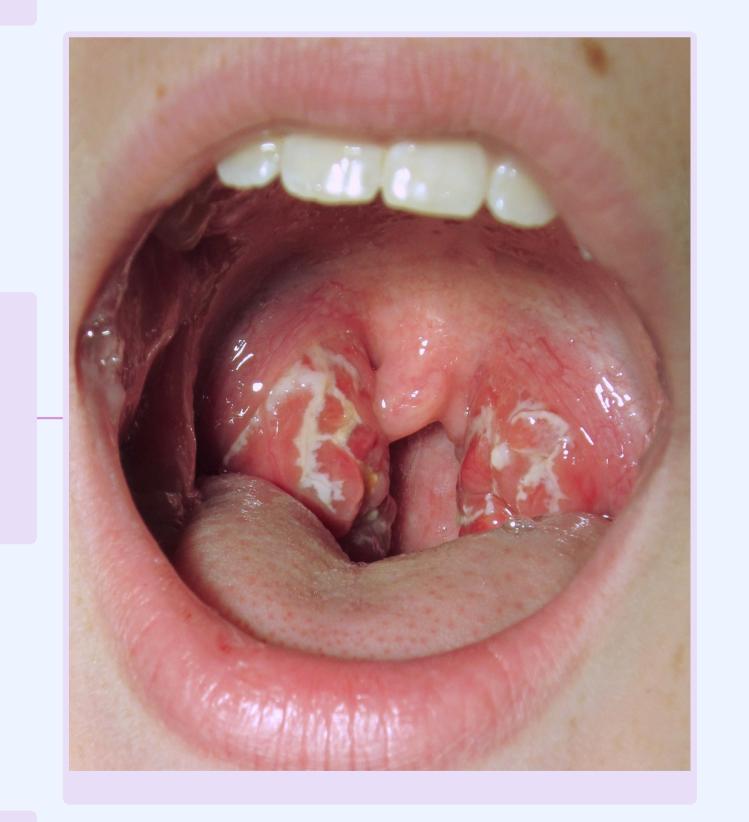


Resistant to long storage and refrigeration, heat, salt, pH extremes and bile.

Virulence factors:
diphtherotoxin

Vaccine (DPT)

Causes a pseudomembrane which can cause asphyxiation



Acquired via respiratory droplets from carriers or actively infected individuals